

Gem

Mathematics

الصف 4 الابتدائي

إجابات مراجعات الفصل الدراسى الأول

2022-2021

إجابة النموذج رقم 1

30 درجة

1 Complete the following:

a The value of the digit 6 in the number 3,564,215 is 60,000

b The common factor of all numbers is 1

c 35 hectograms = 3,500 grams.

d If a × 6 = 18, then a = 3

e 321 × 4 = 1,284

f The prime numbers have only two factors.

g The number 6,564,735 rounded to the nearest hundred thousand is 6,600,000

h The number 402,204 in the expanded form is 400,000 + 2,000 + 200 + 4

i 2 hours and 20 minutes = 140 minutes.

j (61 + 23) + 24 = 61 + (23 + 24)

2 Choose the correct answer:

a the number .... is one of the number 8 factors.

- 4
- 6
- 16
- 7

b Which is the best to include in the explanation of the commutative property of addition?

- 9 + 0 = 9
- 6 + 9 = 9 + 6
- 9 + 11 = 9 + 3 + 8
- 9 + 5 = 10 + 4

c The perimeter of the square whose side length is 6 m is ....

- 8 m
- 12 m
- 36 m
- 24 m

d The estimation of 6,563,235 by using the front-end strategy is ....

- 6,000,000
- 6,500,000
- 6,600,000
- 7,000,000

e If the area of a rectangle is 30 m^2 and its width is 5 m, then its length is ....

- 6 m
- 5 m
- 3 m
- 10 m

f 7 km, 425 m = ... m.

- 700,425
- 7,425
- 7,524
- 5,247

g The correct strategy to find the result of 152 – 69 = ...

(Using the compensation strategy)

- Find the result of 152 – 70, then subtract 1
- Find the result of 152 – 70, then add 1
- Find the result of 152 – 60, then add 9
- Find the result of 150 – 70, then subtract 2



h The common multiples of 2 and 3 together are multiples of the number ....

- 5
- 7
- 8
- 6

i Which expression can be used to check the answer of the opposite division problem?

```
      1 7 9
  5 | 8 9 6
  –   5 0 0
      3 9 6
  –   3 5 0
        4 6
  –     4 5
          1
```

- 179 + 5
- 179 × 5
- 179 + 5 × 1
- 179 × 5 + 1

j The number 5,325 in the decomposed form is ....

- (3 × 1000) + (5 × 100) + (2 × 10) + (5 × 1)
- (5 × 1000) + (3 × 100) + (2 × 10) + (5 × 1)
- (5 × 1000) + (2 × 100) + (3 × 10) + (5 × 1)
- (2 × 1000) + (5 × 100) + (3 × 10) + (5 × 1)

3 Put (✓) or (✗):

a Zero is the common factor of all numbers. (✗)

b 3 dm, 9 mm = 309 mm. (✓)

c The area model strategy can't be used for dividing. (✗)

d (3 tens and 9 ones) = 390 (✗)

e Five times greater than 7 is 30 (✓)

4 Answer the following questions:

a The number 2 million, 235 thousand, 624 in the expanded form is

2,000,000 + 200,000 + 30,000 + 5,000 + 600 + 20 + 4

b Find the sum of 235 + 142 by using the break up and bridge strategy.

235 + (100 + 40 + 2)

335 + 40 + 2

375 + 2 = 377

c Use the area model to find the product of 65 × 32

	60	5
30	60 × 30 = 1,800	5 × 30 =150
2	60 × 2 = 120	5 × 2 =10

1,800 + 150 + 120 + 10 = 2,080

d An ant walks about 5,000 meters each day. How many kilometers does this ant walk in 6 days?

What the ant walked in 6 days = 5,000 × 6 = 30,000 meters = 30 kilometers.

e Fatma's rectangular room is 10 meters long and it has a perimeter of 30 meters. What is the width of the room?

Width = (perimeter ÷ 2) – length = (30 ÷ 2) – 10 = 15 – 10 = 5 meters.



إجابة النموذج رقم 2

30 درجة

1 Complete the following:

a 10 times greater than 32 is 320

b The common multiple of all numbers is 0

c 26 decameters = 2,600 decimeters.

d 324 ÷ 3 = 108

e The product of 5,321 × 4 by using the front-end strategy is 5,000 × 4 = 20,000

f If the length of a rectangle is (L) and its width is (w), then the formula of the perimeter of this rectangle is P = (L + W) × 2

g The number 7,257,365 rounded to the nearest millions is 7,000,000

h

526	
200	M

by using the previous bar model M = 526 – 200 = 326

i 3:35 + 2:20 = 5:55

j 65,254 – 23,628 = 41,626

2 Choose the correct answer:

a 3 million, 6 thousand, 24 in the standard form is ....
- 3,060,024
- 3,600,024
- 3,006,024
- 3,006,240

b 69 + 58 = 58 + 69 represents the .... property of addition.
- commutative
- associative
- additive identity
- additive inverse

c The perimeter of the rectangle whose length is 6 m and its width is 3 m is ....
- 18 m
- 12 m
- 18 cm
- 24 m

d The G.C.F. of 35 and 25 is ....
- 10
- 7
- 5
- 20

e The area of a rectangle is 48 m^2 and the width is 6 m, then the length is ....
- 8 m
- 6 m
- 9 m
- 18 m

f 9 kg, 35 gm = ... gm
- 900,035
- 9,035
- 9,350
- 9,305

g 21 hundred = ...
- 2,100
- 1,200
- 210
- 21,000

h The common factors of 6 and 8 are ....
- 1 and 2
- 1, 2 and 4
- 1, 2 and 3
- 4 and 6

i The related fact of 2,700 ÷ 3 is ....
- 270 ÷ 3 = 9
- 2,700 ÷ 3 = 90
- 27 ÷ 3 = 9
- 2,700 × 3 = 9



j The number 84,215 in the expanded form is ....

- 80,000 + 2,000 + 500 + 10 + 5
- 80,000 + 4,000 + 200 + 10 + 5
- 80,000 + 40,000 + 2,000 + 10 + 5
- 80,000 + 1,000 + 200 + 1 + 50

3 Find the result of the following:

a 235,147 + 235,448 = 470,595

b 65,254 - 36,142 = 29,112

c 234 × 3 = 702

d 2,354 ÷ 5 = 470 R 4

4 Answer the following questions:

a The number 6,254,835 in the decomposed form is

(6 × 1,000,000) + (2 × 100,000) + (5 × 10,000) + (4 × 1,000) + (8 × 100) + (3 × 10) + (5 × 1)

b Find the sum of 255 + 132 by using the compensation strategy.

(255 + 2) + (132 – 2)

257 + 130 = 387

c Use the distributive property to find the product of 2,435 × 3

3 × (2000 + 400 + 30 + 5) = (3 × 2000) + (3 × 400) + (3 × 30) + (3 × 5)

= 6000 + 1200 + 90 + 15 = 7,305

d Find the G.C.F. of 36 and 48

The factors of 36 are 1, 2, 3, 4, 6, 9, 12, 18 and 36

The factors of 48 are 1, 2, 3, 4, 6, 8, 12, 16, 24 and 48

The common factors are 1, 2, 3, 4, 6 and 12

The G.C.F. is 12

e If the perimeter of a square is 28 cm, find its area.

The side length = 28 ÷ 4 = 7 cm

The area = 7 × 7 = 49 cm^2



إجابة النموذج رقم 3

30 درجة

1 Complete the following:

a The divisor of 56 ÷ 7 = 8 is 7

b The place value of the digit 3 in the number 1,365,854 is hundred thousand

c 3 L + 2 L + 500 mL = 5,500 mL

d The factors of 23 are 1 and 23

e The multiple of 9 lies between 10 and 20 is 18

f The only even prime number is 2

g The number 9,365,841 rounded to the nearest hundred thousand is 9,400,000

h Six million, two hundred thirty thousand in the standard form is 6,230,000

i 7 weeks and 1 day = 50 days.

j The even factors of the number 6 are 2 and 6

k Sara eats 2 eggs daily, then she will eat 14 eggs in a week.

2 Choose the correct answer:

a 80,000 = ... times as many as eight hundred.

- 10
- 100
- 1,000
- 10,000

b 9 + X = 27, then X = ...

- 927
- 36
- 36
- 18

c The formula of the perimeter of the square whose side length is L is ....

- 2L
- 4L
- L + 4
- L – 4

d The quotient of 245,325 ÷ 5 by using the front-end strategy is ....

- 80,000
- 40,000
- 400,000
- 800,000

e 40 m + 20 cm = ... cm.

- 420
- 42
- 60
- 4,020

f 9 km, 3 m = ...m.

- 93
- 90,003
- 9,003
- 9,300

g The correct strategy to find the result of 154 + 39 = ... (Using the metal computation)

- Find the result of 154 + 40, then subtract 1
- Find the result of 154 + 40, then add 1
- Find the result of 150 + 30, then add 9
- Find the result of 154 + 40, then subtract 2

h If $6 \times 7 = 42$, then 42 is a .... of 6 and 7

- multiple
- factor
- double
- triple

i The quotient of the opposite division problem is ....

- 325, R1
- 326, R1
- 327, R1
- 302, R1

```
2 | 6 5 5   300
  - 6 0 0
      5 5    25
    - 5 0
        5     2
      - 4
        1
```

j If the length of a rectangle is 4 cm and its width is twice its length, then the area of this rectangle is .... cm^2.

- 36
- 32
- 30
- 24

3 Find the value of X, Y, Z and L in the following equations, then find their sum:

$X + 2 = 12$ then $X = 10$

$Y - 5 = 7$ then $Y = 12$

$Z \times 3 = 15$ then $Z = 5$

$L \div 2 = 3$ then $L = 6$

Then $X + Y + Z + L = 10 + 12 + 5 + 6 = 33$

4 Answer the following questions:

a Write the number
$(5 \times 1{,}000{,}000) + (6 \times 10{,}000) + (5 \times 1{,}000) + (3 \times 100) + (2 \times 10) + (5 \times 1)$ in the word form.

Five million, sixty five thousand, three hundred and twenty five

b Ahmed left home at 7:15 a.m. going to his work. If he spent one hour and a half in the way, **when would he arrive at his work?**

The time of arrival = 7:15 + 1:30 = 8:45

c Find the quotient of $457 \div 3$ by using the standard division algorithm.

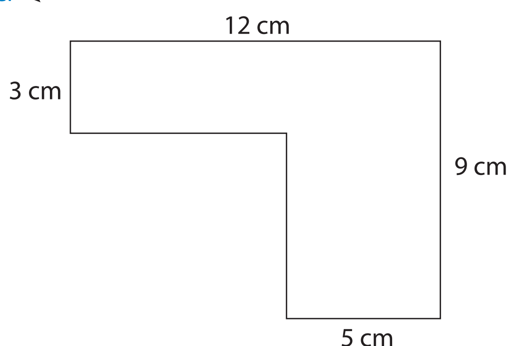
$457 \div 3 = 152$, R 1

```
    1 5 2
3 | 4 5 7
  - 3 0 0
    1 5 7
  - 1 5 0
        7
  -     6
Remainder ← 1
```

d Find the perimeter and the area of the opposite shape

Perimeter = $12 + 9 + 5 + 6 + 7 + 3 = 42$ cm

Area $= 3 \times 12 + 5 \times 6 = 36 + 30 = 66\ cm^2$





إجابة النموذج رقم 4

30 درجة

1 Complete the following:

a 81 hundred thousand × 10 = 81,000,000

b 36 + 35 = 35 + 36: The used property is the commutative property.

c 125 × 32 = 4,000

d If the time is quarter to eleven, then this time in digits is = 10:45

e If the perimeter of a square is 48 m, then its side length is = 12 m.

f The factors of the number 17 are 1 and 17

g The number 9,825,412 rounded to the nearest million is 10,000,000

h The number 604,425 in the decomposed form is
(6 × 100,000) + (4 × 1,000) + (4 × 100) + (2 × 10) + (5 × 1)

i

	40	?
10	400	90
5	200	45

The missing number is 9

j 3 × 7 = 21, then 21 is a multiple of 3 and 7

2 Choose the correct answer:

a The number seven million, three hundred twenty six thousand in the standard form is ....

- 7,236,000
- 7,326,000
- 7,000,236
- 7,000,326

b The perimeter of the rectangle whose length is 8 cm and its width is 7 cm is .... cm.

- 15
- 56
- 87
- 30

c A number is three times greater than seven. Then the number is ....

- 10
- 4
- 21
- 11

d The estimation of 8,524,214 by using the front-end strategy is ....

- 8,000,000
- 9,500,000
- 8,500,000
- 7,000,000

e The area of a rectangle is 28 m^2 and the width is 4 m, then its perimeter is ....

- 21 m
- 11 m
- 7 m
- 22 m

f 18 km, 23 m = ... m.

- 180,230
- 18,023
- 1,823
- 23,018



g The sum of 315 + 235 = ... (Using the break up and bridge strategy)

- 315 + (300 + 20 + 5)
- 315 + (50 + 300 + 2)
- 235 + (300 + 10 + 5)
- 235 + (500 + 20 + 3)

h (3 × 50,000) + (3 × 6,000) + (3 × 500) + (3 × 60) +(3 × 7) = ...

- 3 × 56,657
- 3 × 56,567
- 3 × 65,567
- 3 × 56,765

3 Answer the following questions:

a Find the G.C.F. of 24 and 32

The factors of 24 are 1, 2, 3, 4, 6, 8, 12 and 24

The factors of 32 are 1, 2, 4, 8, 16 and 32

The common factors are 1, 2, 4 and 8

The G.C.F. is 8

b Sara bought 13 meters of cloth for 1,989 pounds. What is the price of one meter of this cloth?

The price of one meter = 1,989 ÷ 13 = 153 pounds.



إجابة النموذج رقم 5

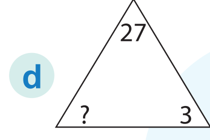
30 درجة

1 Complete the following:

a (2,386), (23,865) and (23,856) 2,386 < 23,856 < 23,865

b The greatest number can be formed from the digits 3, 6, 5, 4, 8, 2 and 9 is 9,865,432

c 23,654 + 13,365 = 37,019

d 

The missing number is 9

e If the perimeter of a rectangle is 26 m and its length is 5 m, then its width is 8 m.

f The ones digit of the common multiples of 2 and 5 is zero

g 5 hours and 30 minutes 330 minutes.

h The number which has only two factors is called a/an prime number.

i In the operation 56 + 0 = 56: The used property is additive identity

j 37 ÷ 6 = 6, R1

2 Choose the correct answer:

a x + 1,835 = 2,160, then x = ...

- 325
- 523
- 335
- 532

b The related fact of 25,000 ÷ 5 is ....

- 250 ÷ 5 = 5
- 25 ÷ 5 = 5
- 20 ÷ 5 = 4
- 2,500 ÷ 5 = 500

c 5 ⟌365 with quotient 73. Which of the following equations is correct? ....

- 365 × 5 = 73
- 365 × 73 = 5
- 365 ÷ 5 = 73
- 73 ÷ 365 = 5

d The estimation of 652,521 by using the front-end strategy is ....

- 600,000
- 650,000
- 700,000
- 652,000

e If the length of a rectangle is 3 m and its width is triple its length, then its perimeter is ....

- 18 m
- 27 m
- 12 m
- 24 m

f 14 L + 5000 mL = ... L.

- 15
- 5,014
- 19
- 1,450

g Fatma started cooking at 6:15 p.m. for 50 minutes, so she finished at ....

- 6:53 p.m.
- 6:55 p.m.
- 7:00 p.m.
- 7:05 p.m.

h 56 is seven times ....

- 8
- 448
- 63
- 756

3 Answer the following questions:

a Find the G.C.F. of 40 and 45

The factors of 40 are 1, 2, 4, 5, 8, 10, 20 and 40

The factors of 45 are 1, 3, 5, 9, 15 and 45

The common factors are 1 and 5

The G.C.F. is 5

b Find the area and perimeter of the opposite shape:

12 cm

13 cm

6 cm

16 cm

Perimeter = $16 + 13 + 6 + 4 + 7 + 12 = 58$ cm

Area = $16 \times 13 - 4 \times 7 = 208 - 28 = 180$ cm^2